

SAFETY DATA SHEET

BLUE LAYOUT INK FLUID

Issued: 06/03/12

Revision No: 2

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: BLUE LAYOUT INK FLUID

Use / description of product: Liquid. Highly flammable.

Company name:

Global Lubricants Ltd

13 Sandwell Business Development Centre

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West Midlands

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2. HAZARDS IDENTIFICATION

Main hazards:

Highly flammable. Irritating to eyes. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Repeated exposure may cause skin dryness or cracking. damage if swallowed. Vapours may cause drowsiness and dizziness.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

- PROPAN-2-OL 30-50% CAS: 67-63-0, EINECS: 200-661-7
[F] R11; [Xi] R36; [-] R67
- ACETONE , 30-60% CAS 67-64-1, EINECS: 200-662-2
[F] R11; [Xi] R36; [-] R66 [-]R67
- BASIC BLUE <1% CAS 2580-56-5, EINECS 219-943-6
[Xn] R22 [Xi] R36, [N] R50/53

Other hazards:

In use, may form flammable / explosive vapour-air mixture.

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4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the mouth and throat with nausea and stomach pain, drowsiness may occur. There may be vomiting and diarrhoea.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash off with water Contaminated clothes should be laundered before reuse.

Eye contact: Bathe the eye with running water for 15 minutes. Seek medical advice if symptoms persist

Ingestion: Do not induce vomiting. If conscious, wash out mouth with water immediately. Seek medical advice if symptoms persist.

Inhalation: Remove to fresh air Seek medical attention if recovery is not rapid or complete.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

Exposure hazards: Highly flammable. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Mix with sand or vermiculite. Transfer to a suitable container. Wash the spillage site with large amounts of water.

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7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:

PROPAN-2-OL WEL (8hr TWA) 999 mg/m³ WEL (15min STEL)1250 mg/m³

ACETONE WEL (8hr TWA) 1210 mg/m³ WEL (15min STEL)3620 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Do not breathe vapour, or spray

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Avoid skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Blue

Odour: Alcoholic

Solubility in water: Insoluble

Also soluble in: Acetone, IMS.

Flash point°C: -18

Relative density: 0.79

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10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Sources of ignition. Flames and heat.

Materials to avoid: Oxidising agents.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:

•PROPAN-2-OL

IVN RAT LD50 1088 mg/kg
ORL MUS LD50 3600 mg/kg
ORL RAT LD50 5045 mg/kg
SCU MUS LDLO 6 gm/kg

• ACETONE

IVN RAT LD50 5500 mg/kg
ORL MUS LD50 3 gm/kg
ORL RAT LD50 5800 mg/kg

• BASIC BLUE

ORL RAT LD50 900 mg/kg

12. ECOLOGICAL INFORMATION

Mobility: Highly volatile.

Persistence and degradability: Biodegradable in part only.

Bioaccumulative potential: No bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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14. TRANSPORT INFORMATION

ADR / RID**UN no:** 1993**ADR Class:** 3**Packing group:** II**Classification code:** F1**Hazard ID no:** 33**Shipping name:** Flammable Liquid N.O.S.**Labelling:** Flammable**IMDG / IMO****UN no:** 1993**Packing group:** II**EmS:** F-E, S-E**Labelling:** 3**IATA / ICAO****UN no:** 1993**Packing group:** II**Class:** 3**Labelling:** 3

Packing instructions: 305(P&CA) 307 (CAO)

15. REGULATORY INFORMATION

Hazard symbols:

Highly flammable.

Irritant.

**Risk phrases:**

R11: Highly flammable.

R36: Irritating to eyes.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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16. OTHER INFORMATION

Other information: The phrases below refer to the raw materials used in the formulation, not the finished product.

Risk phrases used in s.2:

R11: Highly flammable.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

R22: Harmful if swallowed.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

